

## ABSTRACT OF THE DISCLOSURE

5           This invention is directed to APE-free polymer binders formed by emulsion  
polymerization and having specific peel and cure properties. The APE-free polymeric  
binders have a peel value, when adhered to a heated metal surface, of 35 % to 200 % of  
the peel value shown by a standard APE-based polymer binder control (i.e., AIRFLEX®  
105 vinyl acetate-ethylene polymer emulsion) and exhibit a cure profile such that at least  
10   55 % cure is achieved within 30 seconds at a temperature required for cure. Wet tensile  
strength is used as a measure of cure. The peel value is determined by a modified  
release and adhesion test. Binders having the peel and cure properties described herein  
can be considered for use in crepe processes, especially DRC processes.